No. 1st and Final

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)

SBR No: 09/18-19
Date 07.08.18 2018

Division: BBMP / YNK Sub Division: Yelahanka – Division.

YNK-DBR No. 40 Dated
Date 02.08.18

Bill Received No. Divisional Cash Book Voucher No..... Dated.....

Schedule Docket No. Head of Account: 2178 Sub Divisional Work Code: 004-18-000004

Est.Cost: 50.00 Lakhs B.R.No. :

Name of Work : Improvements to roads and drains to the balance roads of someshwaranagara in ward no – 04

Name of Contractor and Full Address: **Sri G Venkategowda, No 531/1, 14th A cross, A Sector yelahanka new town Bangalore - 64**

Reference to Agreement No. EE/YNK.D/EPMT-13/ W.O/100 /2017-18. Date: 12-1-2018.

Certified that the measurements were taken by me on 28/07/18 and recorded of Pages 46 to 49 measurement Book No. 4641 and that the work is satisfactorily executed.

Contractor

Officer-in-charge of work

Certified that the measurement were taken by me on 01/08 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub Division-106

II Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being .....percent Rs.....
3) " Balance
4) Deduct Payment:
   a) Amount of previous payment as in the Office Cash Book Voucher No.....Dafed.....S.D. No.....
   adjusted towards cash advance recovery of
   b) Payments Now made } cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.
5) Balance being unpaid value of work done held in reserve.
6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.
7) Net amount due to or from Contractor unadjustments items.
8) Advance to Contractor for materials brought to site (as detailed) within.
9) Value of Government materials supplied.

Amount	
Gross Amt	=Rs 5343329=00
Fine	=Rs 535=00
CGST	= Rs 53433=00
SGST	= Rs 53433=00
IT	= Rs 53433=00
LC	= Rs 53433=00
CBF	= Rs 5343=00
Royalty	=Rs 42530=00
T.D.	= Rs 262140=00
Net Amt	=Rs 5081189=00

Total amount adjusted -

Contractor's Signature

Received Rs.....(in words).....

.....

by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

Witness
1.
2.
Dated

Signature of Contractor

Paid by me by Cheque No.....Dated.....
Cash Rs .....
Dated.....
Initials of Officer making payment

Admitted for Rs 5343329=00

(For use in the Office)

Stamp

5081189=00 by Cheque

and Rs 262140=00 by Payment

Executive Engineer

Yelahanka Division BBMP

sl no	Description of work	Unit
1	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 1.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications MORTH / Chapter 3	Cum
2	Earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications, specification,	cum
3	Loading and unloading ofstone aggregates / sand/ kanker/ Moorum /soil KSRRB M100-1 Placing tipper at loading with front end loader dumpling turning for return trip excluding time for haulged and return trip complete as per specification item No 17.1 page 130 and KSRB M 100.4 1 costof haulage excluding loading and unloading MORTH to a distance of 4.00 K.M	cum
4	Providing and laying in position plain cement concrete of mix **1:3:6 with OPC cement** @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892cum and fine aggregates @ 0.465cum machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted in foundation and plinth including cost of all materials, labour, HOM of machinery, curing complete as per specifications Specification No KBS 4.1, 4.2	Cum
5	Providing and laying in position plain cement concrete of mix M20 withOPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.460cum with superplastesisre @ 3lts conforming to IS9103-1999Reflirmed machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, **lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets** etc, including cost of all materials, labour HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1,4.6, No.	Cum
6	providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications. Specification No.	Quintal
7	Providing and removing centering, shuttering, strutting, propping etc , and removal of form work for vertical surface such as walls at any thickness, attached pilasters, bitresses,buttresses plinth and string course including cost of all materials, labour complete as per specifications. Specification NO KBS	sqm
8	Providing precast slab of **250 mm thick including cost of all** materials, labour, curing,transportation,loading ,unloading,etc ,complete as per the direction of engineer in charge-	sqm
9	Providing precast slab of **100 mm thick including cost of all** materials, labour, curing,transportation,loading ,unloading,etc ,complete as per the direction of engineer in charge-	sqm
10	construction of embankment with approved material gravel/murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement table 300.2 complete as per specifications. (which includes cost of gravel/murrum, watering charges & compaction by vibratory roller) MORTH specification Page	cum
11	KSRRB M400-6.1 **Construction of granular sub-base by providing close graded material, crushed stone** aggregates of granite/trap/basalt material, mixing in a mechaical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications. A Plant Mix Method Close graded granular sub-base material as per 400-1 For Grading- II Material (Page No 155., I No 20.4.2 of KPWD S.R 2016-17)	cum
12	Wet Mix Macadam - KSRRB M400-17 **Providing, laying, spreading and compacting graded stones aggregate to wet mix** macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.	cum
13	Providing and applying primer coat with ss bitumen emulsion on prepared surface of granular base such as WMM including clearing of road surface and spraying primer at the rate of 0.60 kg/sqm using mechanical means complete as per specifications. MORTH Specification No 502 (P No 160/It No 21.6)	Sqm
14	KSRRB M500- 15 Providing, laying dense graded bituminous macadam using 40/60 TPH capacity H.M.P with Mechanical paver Gr-II (50mm to 75mm), crushed aggregates of specified grading premixed with 4.5% VG 30 grade bituminous binder and , transporting the hot mix to work site , laying to the required level and grade, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications MORTH Specification No 507 (P No 162&163 It No 21.17.6)	cum
15	KSRRB 500-7 Providing and **applying tack coat with bitumen emulsion** using 80/100 grade bitumen (VG20) on the prepared black toped suface at 2.5kg per 10 sqm, heating bitumen in boiler fitted with spray set (Excluding cleaning of road surface) including cost of all materials, labour, HOM of Machineries complete as per Specifications (P No 160 & I No 21.7)	
16	KSRRB M500- 15 Providing, laying bituminousConcrete using 40/60 THP capacity H.M.P with Mechanical paver Gr-II (30mm to 45mm), crushed aggregates of specified grading premixed with 6% VG 30 grade bituminous binder and , transporting the hot mix to work site , laying to the required level and grade rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH Specification clause No.500.9 complete in all respects complete as per specifications MORTH Specification No 509 (P No 164 Item No 21.22.6)	cum
17	KSRRB M800-13 Road marking with hot applied thermoplastic compound with reflect rising glass beads on bituminous surface- providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface to level, uniform and free from streaks and holes complete as per specifications. MORTH specification No. 803, No. 1974 (P No 185 & I No 24.15)	sqm
18	cement concrete pavement, construction unreinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with 43 grade cement or any other type as per clause 1051.2.2M20/M30 at 380/450 kg per cum, coarse and fine aggregate conforming to IS: 383, maximum size of coarse aggregate not exceeding 25mm, mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including leveling the form work as per drawing.), spreading the concrete with shovels, rackers compacted using needle, scred and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, setant primer, joint sealant, admixtures as approved curing compound, finishing to lines and grade as per drawing complete as per specification M30(at 360kg per cum coarse aggregate @ 0.69cum and fine aggregare @ 0.46cum)	
19	Vaccum De- writing with vaccum pump and suction mat and compaction with skin flater clubbed with floatiog disc including cost of generator, HOM of machinery Sereed Vibratory Power Floaterblade and diisc etc, with all lead and lift	Cum
20	Providing groove cutting for width of 5mm to 100m depth 80mm-100 including cost of cutting machine, generatoe & HOM of machinery, including cost of blade, coolant etc , including cleaning of groove & providing sand and hot birumen fillars, and filler metal etc., including cost of conveyance of all materials, Labour, lead and lift charges and all other incidental charges as per drawing and as per specifications. do- for concrete pavement	Sqm
		Rmt
		TOTAL

Certificates:

1 The above work is done satisfactorily and complete in all respect.

2 There is no department Material issue for the above work.

Previous Measurment		Present Measurement			Total up-to date		Remarks
Qty	cost	Qty	Rate	Cost	Qty	cost	
–	–	207.00	100.00	20700.00	207.00	20700.00	
–	–	519.17	220.00	114217.40	519.17	114217.40	
–	–	726.17	100.00	72617.00	726.17	72617.00	
–	–	125.00	5700.00	712500.00	125.00	712500.00	
–	–	182.64	6700.00	1223688.00	182.64	1223688.00	
–	–	138.999	7600.00	1056392.40	139.00	1056392.40	
–	–	744.85	340.00	253249.00	744.85	253249.00	
–	–	23.04	5400.00	124416.00	23.04	124416.00	
–	–	348.38	2300.00	801274.00	348.38	801274.00	
–	–	152.89	350.00	53511.50	152.89	53511.50	
–	–	112.25	1850.00	207662.50	112.25	207662.50	
–	–	66.95	1860.00	124527.00	66.95	124527.00	
–	–	449.18	28.00	12577.04	449.18	12577.04	
–	–	7.70	6750.00	51975.00	7.70	51975.00	
–	–	449.18	16.00	7186.88	449.18	7186.88	
–	–	17.96	7600.00	136496.00	17.96	136496.00	
–	–	15.00	680.00	10200.00	15.00	10200.00	
–	–	47.11	6700.00	315637.00	47.11	315637.00	
–	–	313.55	100.00	31355.00	313.55	31355.00	
–	–	101.55	130.00	13201.50	101.55	13201.50	
				5343329		5343329	

Ramanjeevaiah

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಿಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106